

20-8595



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

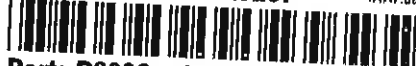
Tel (613) 632-5200
Fax 613 632-5246

D3338-1**Job Sheet 202540****Part No:** D3338-1**Job Qty:** 40 pcs**Part Name:** Mounting Lug**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 10/30/19**Job Tracking No:****Due Date:** 11/21/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:****Note:** DWG REV A IPP: A 05.02.09 New issue KJ/JLM**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier		Sign-off
							Workcenter / Supplier	Lead Time	
110	Purchasing	40 pcs	11/21/19		0.00	0.00	Purchasing - 1		NOV 04 2019
							Purchasing - 2		
							Purchasing - 3		
120	Packaging 2-1 - Receive - B4B	40 pcs	11/21/19		0.00	0.00	Packaging 2 - 1 - B4B		NOV 04 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S229287**Part:** D3338-1**Job No:** 202540**Serial No/Batch:** S229287**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

Date: 11/04/19

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				B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
130	QC 6	40 pcs	11/21/19	0.00 0.00	QC 6 - 9
				QC 6 - 68	DAS NOV 05 2019 68
				QC 6 - 61	9-88
				QC 6 - 40	
				QC 6 - 81	
175	Packaging 3-1 - Stock - B4B	40 ✓ pcs	11/21/19	0.00 0.00	Packaging 3 - 1 - B4B
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B ✓	ST522
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	

Oscar

NOV 12 2019

					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
180 QC 21 - SA	40 pcs	11/21/19	0.00	0.00	QC 21 - SA - 21	ST522
					QC 21 - SA - 70	DAS
					QC 21 - SA - 53	21 NOV 13 2019

Part Op 110 - (Purchasing) Issue PO 11604448 1- Check for extrusion defects while loading into the machine 2- Machine as Descriptions: per Folio FA506 and Dwg D3338

- 120 - (Receive & Inspect for Damage & Mat'l Certs)
 130 - (QC6- All purchased or subcontracted products)
 175 - (Identify as per dwg & Stock Location: _____)
 180 - (QC21- Final Inspection - Work Order Release)

x40 Plus

30 Oct 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2423	Lug Extrusion	2.8000 ft (.07 ea)	110-Purchasing	5229277
D3338-1P	Mounting Lug	40 pcs (1 ea)	110-Purchasing	514186 25

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D2423	3	364	0
	D3338-1P	40	0	0

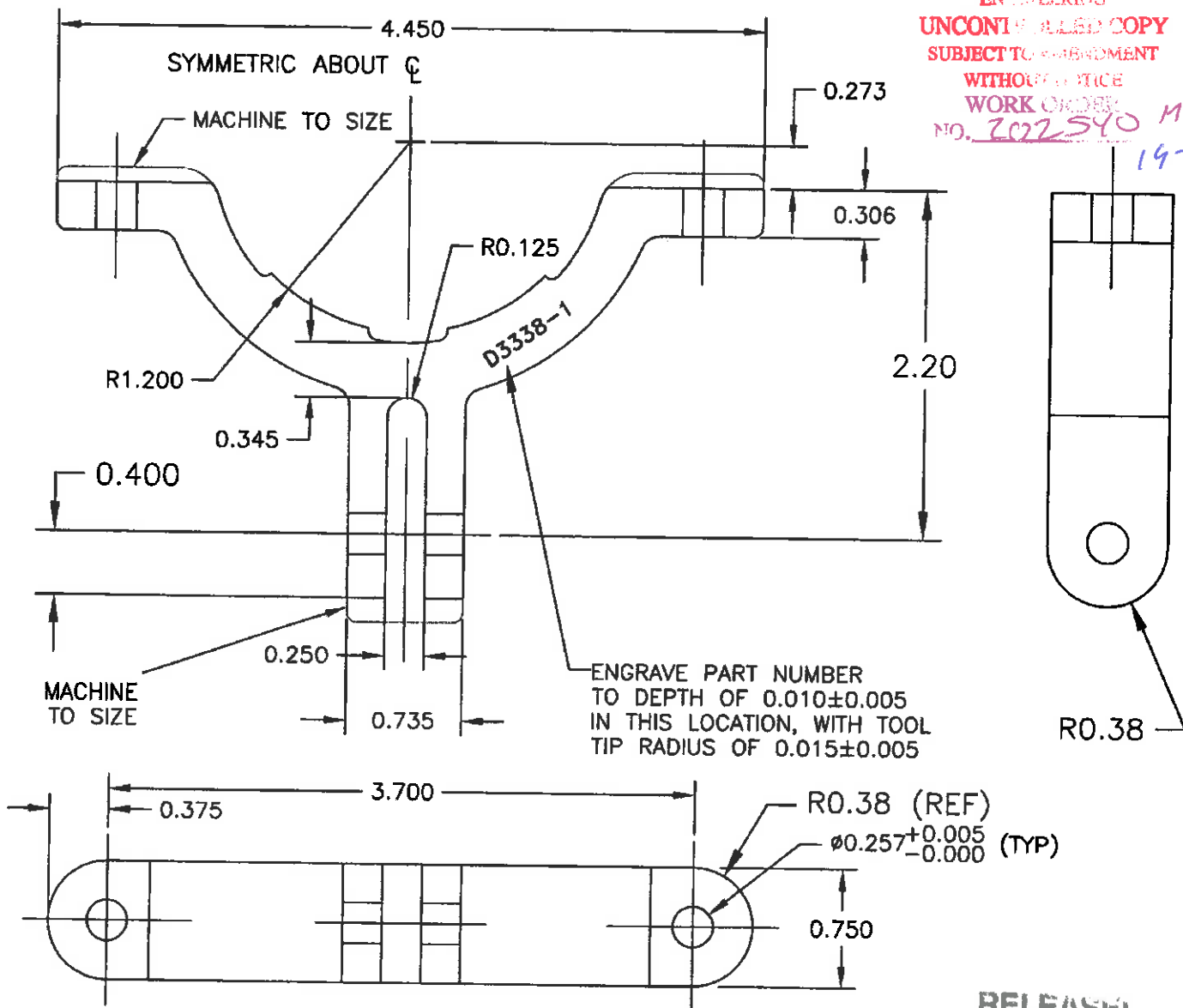
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Mounting Log	4.450inches $\pm$ 0.010	4.460 4.440		
2	Mounting Log	0.306inches $\pm$ 0.010	0.316 0.296		
3	Mounting Log	2.200inches $\pm$ 0.030	2.230 2.170		
4	Mounting Log	0.735inches $\pm$ 0.010	0.745 0.725		
5	Mounting Log	0.250inches $\pm$ 0.010	0.260 0.240		
6	Mounting Log	0.400inches $\pm$ 0.010	0.410 0.390		
7	Mounting Log	1.200inches $\pm$ 0.010	1.210 1.190		
8	Mounting Log	3.700inches $\pm$ 0.005	3.705 3.695		
9	Mounting Log	0.375inches $\pm$ 0.010	0.385 0.365		
10	Mounting Log	0.750inches $\pm$ 0.010	0.760 0.740		
11	Mounting Log	0.257inches $\pm$ 0.005	0.262 0.257		

Plex 10/30/19 10:44 AM Dart.lajeunesse.marie

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D3338	REV. A SHEET 1 OF 1
DATE 04.11.03		TITLE MOUNTING LUG	SCALE 1:1
A	04.11.03	NEW ISSUE	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO REWORK
WITHOUT NOTICE
WORK ORDER
NO. 202540 M/L
19-10-80

**D3338-1 NOTES**

- 1) MAKE FROM EXTRUSION D2423
- 2) BREAK ALL EDGES 0.000-0.015
- 3) FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASE

04.12.16

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB044948**



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044948
PO Date: 10/30/19
Due Date: 11/21/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	202540	D3338-1P	D3338 Rev.A			Mounting Lug : Various STC's receive pcs	Firmed X40		11/21/19	40 pcs	0 pcs	40 pcs	\$22.25/pcs	\$890.00
													Grand Total:	\$890.00

NOV 04 2019

68
9-89

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Plex 10/30/19 3:01 PM dart.lussier.patrick



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	Material Batch #	Paint Batch #	P.O. Number
34	D3338-1	Mounting Lug	A	S141186	018284-1	HB044946
6	D3338-1	Mounting Lug	A	S141186	018942-1	HB044946

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, October 31, 2019



METAL TECHNOLOGY INC.

www.metec.ca | 20 Terry Fox Drive, Vankleek Hill, Ontario, Canada K0B 1R0 | Phone: +1 613-678-3957 Fax: +1 613-678-3956

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 26057
Shipment Date: 30-Oct-2019
Ship Via: Pick up at METEC
Order Number: 4354
Order Date: 10/30/2019

Customer Code: DART
Phone: (613) 632-9577
PO Number: POHB044948
Terms: Net 60 Days

Quantity								
Item	Open	Shipped	B/O	Canceled	Unit	Description	Revision	Job Number
1	40	40	0	0	EA	DART-D3338-1P Mounting Lug alodined and painted as per QSI005	A	4354-01

RECEIVED

NOV 01 2019

DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
Dart Aerospace Ltd.

Page 1 of 1

Entered: JR Date: OCT 21 2020



NCR No. 20-8595 **WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

Route update only ☐

Job: <u>202540</u> Part No. <u>D3338-1</u>	DISPOSITION Rework ☒ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☒ Quality ☐			
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Date: NOV 04 2019 Sequence #: 130 QC 6 QTY Affected: 2/40 MRB (QSI042) DAS 55 9-89 NOV 5 2019

Description Work Order Deviation <u>- EXCESSIVE PAINT ON LUGS</u>	Disposition <u>- SAND BLAST</u> <u>- ALODINE</u> <u>- POWDERCOAT WHITE</u> <u>- DONE</u>	Completed By <u>[Signature]</u> <u>SEP 28 2019</u> Lead hand / Supervisor <u>[Signature]</u> QC / QA Coordinator <u>DAS 55 9-89 JUL 02 2020</u>
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Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☒ Product Improvement ☐ Process Improvement ☐ Human Factors ☐	FAULT CATEGORY <table border="0"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☐ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☒ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>	☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☒ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up																											
Other/Details:																													